

ABSTRACT OF DISCLOSURE

A chromatic dispersion compensating apparatus, including a chromatic dispersion compensating module having a spectral unit receiving an input light and generating an output light having a predetermined wavelength, a light returning unit designed for the predetermined wavelength to return the output light to the spectral unit, and a position changing unit changing a relative position between the spectral unit and the light returning unit; a storing unit storing predetermined position controlling amounts of the position changing unit, the position controlling amounts being used to generate a chromatic dispersion value for a certain wavelength; and a position controlling unit operating the position changing unit based on one of the position controlling amounts in the storing unit corresponding to the predetermined wavelength of the output light and the chromatic dispersion value.